



<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/930,836
				Filing Date	August 15, 2001
				First Named Inventor	Paul C. Kocher
				Group Art Unit	2132
				Examiner Name	Virgil A. Herring
Sheet	1	of	1	Attorney Docket No.	44424162-8724
<b>OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	CiteNo.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
NH/	V53	SCHNEIER, Bruce, <u>Applied Cryptography</u> , Chapter 12, pp. 265-301, John Wiley & Sons, Inc. (2ndEd. 1996), New York, NY.			
Examiner Signature	/Virgil Herring/ (05/15/2008)			Date Considered	

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	V54	US - 4,309,569	01-05-1982	Merkle	
	V55	US - 5,434,919	07-18-1995	Chaum	

U.S. PATENT DOCUMENTS PURSUANT TO McKESSON (notices of allowance)					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Notices of Allowance mailed:
	8712	US 20030028771 A1	02-06-2003	Paul C. Kocher et al.	12-07-2007

U.S. PATENT DOCUMENTS PURSUANT TO McKESSON (related patents & applications)					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	U.S. Patent Application no. and date filed
	0097	US 2006/0045264 A1	03-02-2006	Paul C. Kocher et al.	11/252,898 03-02-2006
	0140	US 2008/0022146 A1	01-24-2008	Paul C. Kocher et al.	11/643,349 12-21-2006
	0167	USSN 11/977,392		Paul C. Kocher et al.	11/977,392 1/24/2007
	0168	USSN 11/981,495		Paul C. Kocher et al.	11/981,495 10/30/2007
	0169	USSN 11/978,364		Paul C. Kocher et al.	11/978,364 10/29/2007
	8710	US 6,304,658 B1	10-16-2001	Paul C. Kocher et al.	
	8711	US 6,381,699 B1	04-30-2002	Paul C. Kocher et al.	
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	8712	US 2003/0028771 A1	02-06-2003	Paul C. Kocher et al.	10/136,012 04-29-2002
	8718	US 6,298,442 B1	10-02-2001	Paul C. Kocher et al.	
	8720	US 6,327,661 B1	12-04-2001	Paul C. Kocher et al.	
	8721	US 2002/0124178 A1	09-05-2002	Paul C. Kocher et al.	10/005,105 12-03-2001
	8723	US 6,278,783 B1	08-21-2001	Paul C. Kocher et al.	
	8726	US 6,539,092 B1	03-25-2003	Paul C. Kocher et al.	
	8727	US 2003/0188158 A1	10-02-2003	Paul C. Kocher et al.	10/396,975 03-24-2003
	8730	US 6,510,518 B1	01-21-2003	Paul C. Kocher et al.	
	8731	US 6,654,884 B1	11-25-2006	Paul C. Kocher et al.	

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	V56	Grounds Of Opposition, <u>European Patent 1092297</u> in the name of Cryptography Research, Inc., Opposition by Visa Europe Services, Inc., January 25, 2008.			
	V57	Posting on sci.crypt newsgroup, KOCHER, Paul C et al., "Announce: Timing cryptanalysis of RSA, DH, DSS" et al., messages 1-51 of 51, Dec. 11, 1995 through Dec. 24, 1995, <a href="http://groups.google.com/group/sci.crypt">http://groups.google.com/group/sci.crypt</a>			
	V58	DAEMEN, Joan, "Management of Secret Keys: Dynamic Key Handling", Course on Computer Security and Industrial Cryptography (COSIC '97 - June 1997) Presentation Slides; and declaration of Professor Bart Preneel dated 15 June 2007.			
	V59	DAVIES & PRICE, Security for Computer Networks: An Introduction to Data Security in Teleprocessing and Electronic Funds Transfer, 2nd Ed., John Wiley & Sons, New York, NY, 1989, pp. 318-321.			
	V60	PIPER, F., Key Management (Part 3.5) ZERGO: Information Security Training Club, Hampshire, U.K., January 1993, Foils 6-18 to 6-30.			
	V61	PIPER, F., Declaration of, Jan. 21, 2008, University of London, England.			
	V62	BRADLEY, S., "Derived Unique Key Per Transaction Schemes," Some Applications of Mathematics to the Theory of Communications, Ch. 4, pp. 132-199, Ph.D. Thesis, University of London, England, 1994.			
	V63	ISO (International Organization for Standardization), Banking - Key management (retail), "Part 3: Key life cycle for symmetric ciphers", ISO 11568-3 First edition, December 1, 1994, pp. 1-16, <a href="http://www.saiglobal.com/shop">www.saiglobal.com/shop</a>			
	V64	American National Standard for Financial Services, secretariat - American Bankers Association (ANS/ABA X9.24-200x), Key Management Using Triple DEA and PKI, revised by Terry Benson, American National Standards Institute, September 12, 2000.			
	V65	MENZES, A.J. et al., Handbook of Applied Cryptography, pp. 71, 586, 636-637, CRC Press, Boca Raton, Florida (1997).			
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	V66	Interbank Card Association, PIN Manual: A Guide to the Use of Personal Identification Numbers in Interchange, pp. 61- 127, 1979.			
	V67	SEdgeWICK, Robert, Algorithms, 2nd Ed., Chs. 4 and 11, Addison-Wesley, Arlington, VA, 1988.			
	V68	BRASSARD, Gilles, "On computationally secure authentication tags requiring short secret shared keys", <u>Adv. of Crypt.</u> : Proceedings of Crypto-82, D. Chaum, R.L. Rivest, and A.T. Sherman, Eds. Plenum Press, New York, NY, 1982, pp. 79-86.			
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/VH/	V139	US-6,185,596 B1	02-06-2001	Hadad et al.	

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	<b>V36</b>	US - 1,657,411	02-06-1923	Scherbius	
	<b>V37</b>	US - 4,369,332	01-18-1983	Campbell, Jr.	
	<b>V38</b>	US - 4,605,820	08-12-1986	Campbell, Jr.	
	<b>V39</b>	US - 4,661,658	04-28-1987	Matyas	
	<b>V41</b>	US - 4,776,011	10-04-1988	Busby	
	<b>V42</b>	US - 5,602,917	02-11-1997	Mueller	
	<b>V43</b>	US - 5,668,877	09-16-1997	Aziz	
	<b>V44</b>	US - 6,031,912	02-29-2000	Moulart et al.	
	<b>V45</b>	US - 6,128,391	10-03-2000	Denno et al.	

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	<b>V46</b>	DE - 195 11 298 A1	03-28-1995	Deutsche Telekom		<input type="checkbox"/>
						<input type="checkbox"/>
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	V47	DEFENDANT VISA INTERNATIONAL SERVICE ASSOCIATION'S FINAL INVALIDITY CONTENTIONS FOR U.S. PATENT 6,539,092, FILED IN CASE C04-4143 JW on November 21, 2007, in US District Court for N. District of California, San Jose Division, including exhibits A through C17.			
	V48	BEKER, H.J. et al., "Simplifying Key Management in Electronic Fund Transfer Point of Sale Systems", <u>Electronics Letters</u> , 19(20):442-444, June 9, 1983.			
	V49	BLUM, L. et al.; "A Simple Unpredictable Pseudo-Random Number Generator", <u>Siam J. Comput.</u> , 13(2):364-383, May 1986.			
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Examiner Signature	/Virgil Herring/ (05/15/2008)			Date Considered	

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 6

**Complete if Known**

Application Number	09/930,836
Filing Date	August 15, 2001
First Named Inventor	Paul C. Kocher
Art Unit	2132
Examiner Name	Virgil A. Herring
Attorney Docket Number	44424162-8724

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	V69	US 2,632,058 B1	03-17-1953	Gray	
	V70	US 2,733,432 B1	01-31-1956	Breckman	
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			Filing Date	August 15, 2001	
			First Named Inventor	Paul C. Kocher	
			Art Unit	2132	
			Examiner Name	Virgil A. Herring	
Sheet	2	of	6	Attorney Docket Number	44424162-8724

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	V94	US 5,859,548 B1	01-12-1999	Kong	
	V95	US 5,905,399 B1	05-18-1999	Bosnyak et al.	
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FOREIGN PATENT DOCUMENTS						
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	V108	Defendant VISA International Service Association's Final Invalidity Contentions for U.S. Patent No. 6,381,699 Pursuant to Patent L.R. 3-6(b), February 8, 2008, Case No. C04-04143 JW(HRL), U.S. District Court, Northern District of California, San Jose Division.			
	V109	Defendant VISA International Service Association's Final Invalidity Contentions for U.S. Patent No. 6,510,518 Pursuant to Patent L.R. 3-6(b), February 8, 2008, Case No. C04-04143 JW(HRL), U.S. District Court, Northern District of California, San Jose Division.			
	V110	Defendant VISA International Service Association's Final Invalidity Contentions for U.S. Patent No. 6,654,884 Pursuant to Patent L.R. 3-6(b), February 8, 2008, Case No. C04-04143 JW(HRL), U.S. District Court, Northern District of California, San Jose Division.			
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				First Named Inventor	Paul C. Kocher
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	V131	SCHETTLER, Helmut et al., "A CMOS Mainframe Processor with 0.5-μm Channel Length", <u>IEEE Journal of Solid-State Circuits</u> , 25(5):1166-1177, October 1990.			
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	V133	TABOR, Jeff F., "Noise Reduction Using Low Weight and Constant Weight Coding Techniques", dissertation, Massachusetts Institute of Technology, May 11, 1990, Cambridge Massachusetts.			
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